

HAZARDOUS MATERIALS DATA SHEET
(PLEASE COMPLETE APPLICABLE SECTIONS)

1. PRODUCT NAME, NUMBER, SYNONYM: CALLA 301-A
2. MANUFACTURER'S NAME: Calla Chemical Company, Inc.
3. MANUFACTURER'S ADDRESS: 144 E. Walnut Avenue, Fullerton, California 92632
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Mop up or rinse up with water
5. TRANSPORTATION AND STORAGE REQUIREMENTS: No special requirements
6. FIRST AID TREATMENT:
- A. SKIN CONTACT: wash with water
- B. EYE CONTACT: rinse with water
- C. INHALATION: NA
- D. ANTIDOTE IN CASE OF SWALLOWING: Non-toxic- less than 8 ounces (If more induce vomiting)
7. PHYSIOLOGICAL PROPERTIES:
- A. ACUTE ORAL TOXICITY: NA
- B. LOCAL EFFECTS UPON EYES: Burning as with soap
- C. LOCAL EFFECTS UPON SKIN: Prolonged contact may cause drying
- D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): NA
- E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): None
- F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): NA
8. CHEMICAL AND PHYSICAL PROPERTIES:
- A. SPECIFIC GRAVITY (WATER = 1) 1.16
- B. VAPOR DENSITY (AIR =1) 1
- C. VAPOR PRESSURE mm Hg AT 25°C. NA
- D. pH 11.5
- E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS: None

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F. DOES THE MATERIAL DECOMP WHEN EXPOSED TO AIR? WATER? HEAT? STR. OXIDIZERS? No

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
Phosphates	Less than 15%
Sodium metasilicate	Less than 5%
Sodium Nitrate	1.5%
Bio-degradable Non-Tonic Surface	
Sodium Xylene Sulfonate	Not more than 10%
Active Agents	15 % to 25%
Ethylene Glycol N-Butyl Ether	Not more than 5%

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? No

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Standard washrack procedures adequate

10. RECOMMENDED PROTECTIVE EQUIPMENT: None required

11. A. FLASHPOINT °F: CLOSED CUP None; OPEN CUP None; IF F.P. CHANGES DURING EVAPORATION GIVE DATA:

NA

B. EXPLOSIVE LIMITS (% VOL. AIR): LOWER Unlimited; UPPER Unlimited

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES No; NO X

D. FIRE POINT °F None; AUTO IGNITION TEMPERATURE °F None

E. VAPOR DENSITY Same as water

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? Steam

G. SUITABLE EXTINGUISHING AGENTS: NA

12. INFORMATION FURNISHED BY: O. T. Pipkin *O.T. Pipkin*
TITLE: President
COMPANY: Calla Chemical Company, Inc.
ADDRESS: 144 E. Walnut Ave., Fullerton, California 92632
DATE: November 29, 1971

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.